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What is claimed is:

1.	A	method of	updating data installed on a client terminal
from a serv	ver :	system via	a communication network, comprising:
at said client term			inal,
,	(a)	etoring a	version number of the

installed data; transmitting a request message to the server system via **(b)** the communication network in response to an event triggered by a user of said client terminal, said request message containing the version

number of said data and a phone number of said client terminal, at said server system, 10

storing most recent data and a version number of the most recent data;

receiving the transmitted request and comparing the version number contained in the received request to the stored version number;

(e) fransmitting a copy of said most recent data and the version number of the most recent data to said client terminal via the communication network if there is a mismatch between the compared version numbers, and

at said client terminal,

receiving the copy of the most recent data and the version number from the server system and updating the installed data with the received copy and updating the stored version number with the received version number.



A method of updating a set of data modules installed on a 3.

server system and updating the installed data with the received copy.

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2	client terminal from a server system via a communication network,
3	comprising:
4	at said client terminal,
5	(a) storing a set of version numbers of the installed data
6	modules;
7	(b) transmitting a request message to the server system via
8	the communication network in response to an event triggered by a user
9	of said client terminal, said request message containing said set of
10	version numbers and a phone number of the client terminal,
11	at said server system,
12	(c) storing a set of most recent data modules and version
13	numbers of the most recent data modules;
14	(d) receiving the transmitted request and comparing the
15	version numbers contained in the received request to the stored version
16	numbers;
17	(e) transmitting a copy of the set of most recent data
18	modules and the version numbers of the most recent data modules to
19	said client terminal via the communication network if there is a
20	mismatch between the compared version numbers, and
21	at said client terminal,
22	(f) receiving the copy of the most recent data modules and

- the version numbers from the server system and updating the installed set of data modules/with the received copy and updating the stored version numbers with the received version numbers.
- A method of updating a set of data modules installed on a 1 client terminal from a server system via a communication network,

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comprising: 3

at said client terminal,

transmitting a request message to the server system via the communication network in response to an event triggered by a user of said client terminal, said request message containing a phone number of said client terminal,

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at said server system,

storing a set of most recent data modules, storing a set of version numbers of the most recent data modules in a first memory, and mapping a plurality of sets of version numbers of data modules of mobile terminals to a plurality of phone numbers of said mobile terminals in a second memory;

receiving the request transmitted from said client (b) terminal and comparing a set of version numbers mapped in said second memory corresponding to the phone number contained in the received request to the set of version numbers of the most recent data modules stored in said first memory;

if there is a mismatch between the compared version numbers/ transmitting a copy of the set of most recent data modules to 21 said client terminal via the communication network and updating the 22 corresponding set of mapped version numbers in said second memory 23 with the version numbers of the first memory, 24

at said client terminal,

receiving the copy of the most recent data modules from 26 the server system and updating the installed set of data modules with the received copy.

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5. The method of claim 1, 2, 3 or 4, further comprising, at said server system, imposing traffic control on the transmission of said copy of most recent data when traffic of the request from said client terminal

6. The method of claim 1, 2, 3 or 4, wherein said client terminal

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- is a wireless mobile terminal and said communication network is a
- mobile communication network.

exceeds a predetermined rate.

- 7. The method of claim 6, wherein said server system 1
- comprises a home location register connected to said mobile 2
- communication network and a server connected to said home location 3
- 4 register and said network, and wherein said request from the client
- terminal is a location registration request. 5
- 8. The method of claim 1 or 3; wherein the step (c) further 1
- comprises, at said server system, receiving new data from a network 2
- manager when the network manager makes a change in previous data 3
- and storing the new data as said most recent data. 4
- The method of claim 2 or 4, wherein the step (b) further 1
- comprises, at said server system, receiving new data from a network 2
- manager when the network manager makes a change in previous data 3
- and storing the new data as said most recent data. 4
- A method of updating data installed on a client terminal, 1
- 2 comprising:

	,
3	at said client terminal,
4	(a) storing a version number of the installed data; and
5	(b) transmitting a request message to a receiving server via
6	a communication network in response to an event triggered by a user of
7	said client terminal, said request message containing the version
8	number of said data and a phone number of the client terminal,
9	at said receiving server,
10	(c) storing a version number of most recent data;
11	(d) receiving the request from the client terminal via the
12	communication network and comparing the version number contained
13	in the received request to the stored version number; and
14	(e) transmitting a download request to a sending server if
15	there is a mismatch between the compared version numbers,
16	at said sending server,
17	(f) storing said most recent data and transmitting a copy of
18	said most recent data and the version number of the most recent data to
19	said client terminal via the communication network in response to said
20	download request from the receiving server, and
21	at said client terminal,
22	(g) receiving the copy of the most recent data and the
23	version number from the sending server and updating the installed data
24	with the received copy and updating the stored version number with the
25	received version number.
1	11. A method of updating data installed on a client terminal,
2	comprising:
3	at said dient terminal.

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(a) transmitting a request message to a receiving server via
a communication network in response to an event triggered by a user of
said client terminal, said request message containing a phone number of
said client terminal,
at said receiving server,
(b) storing a version number of most recent data in a first
memory and mapping a plurality of version numbers of said data to a
plurality of phone numbers in a second memory;
(c) receiving the request from said client terminal via the
communication network and comparing a version number mapped in
said third memory corresponding to the phone number contained in the
received request to the version number of the most recent data stored in
said second memory; and
(d) if there is a mismatch between the compared version
numbers, transmitting a download request message to a sending server
and updating said corresponding mapped version number in said
second memory with the version number of the first memory,
at said sending server,
(e) storing said most recent data and transmitting a copy of
said most recent data to said client terminal via the communication
network, and
at said client terminal,

12. The method of claim 10 or 11, further comprising, at said receiving server/imposing traffic control on said download request

sending server and updating the installed data with the received copy.

receiving the copy of the most recent data from the



- 3 when traffic of the request from said client terminal exceeds a
- 4 predetermined rate.
- 13. The method of claim 10 or 11, further comprising, at said
- 2 sending server, imposing traffic control on the transmission of said copy
- 3 of most recent data when traffic of the download request from said
- 4 receiving server exceeds a predetermined rate.
- 1 14. The method of claim 10 or H, wherein said client terminal is
- 2 a wireless mobile terminal and said communication network is a mobile
- 3 communication network, and wherein said receiving server is a home
- 4 location register connected to said network and said sending server, and
- 5 wherein said request from the client terminal is a location registration
- 6 request.
- 1 15. The method of claim 10, wherein the step (f) further
- 2 comprises, at said sending server, receiving new data from a network
- 3 manager when the network manager makes a change in previous data
- 4 and storing the new data as said most recent data.
- 1 16. The method of claim 11, wherein the step (e) further
- 2 comprises, at said sending server, receiving new data from a network
- 3 manager when the network manager makes a change in previous data
- 4 and storing the new data as said most recent data.
- 1 17. A client-server system comprising:
- a client terminal for storing a version number of data installed on

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the client terminal and transmitting a request message to a 3 communication network in response to an event triggered by a user of said client terminal, said request message containing the version 5 number of said data and a phone number of said client terminal; and 6 a server system for storing most recent data and a version 7 number of the most recent/data, receiving said request from the client 8 terminal via said communication network and comparing the version number contained in the received request to the stored version number, 10 and transmitting a copy of said most recent data and the version 11 number of the most recent data to said client terminal via the 12 communication network if there is a mismatch between the compared 13 version numbers, 14 said client terminal receiving the copy of the most recent data 15 and the version number from the server system and updating the 16 installed data with the received copy and updating the stored version 17 number with the received version number. 18

A client-server system comprising:

a client terminal for transmitting a request message to a communication network in response to an event triggered by a user of said client terminal, said request message containing a phone number of said client terminal,

a server system for storing most recent data and a version number of the most recent data in a first memory and mapping a plurality of version numbers of said data to a plurality of phone numbers in a second memory, receiving said request from said client terminal via said communication network, comparing a version number

received copy.

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mapped in said second memory corresponding to the phone number 11 contained in the received request to the version number of the most 12 recent data stored in said first memory, and transmitting a copy of said 13 most recent data to said client terminal via the communication network and updating said corresponding mapped version number in said 15 second memory with the version number of the first memory if there is a 16 mismatch between the compared version numbers, 17 said client terminal receiving the copy of the most recent data 18 from the server system and updating the installed data with the 19

A client-server system comprising:

a client terminal/for storing a set of version numbers of data modules installed on the client terminal, transmitting a request message to a communication network in response to an event triggered by a user of said client terminal, said request message containing said set of version numbers and a phone number of the client terminal;

a server system for storing a set of most recent data modules and version numbers of the most recent data modules, receiving the request from the client terminal via said communication network, comparing the version numbers contained in the received request to the stored version numbers, and transmitting a copy of the set of most recent data modules and the version numbers of the most recent data modules to said client terminal via the communication network if there is a mismatch between the compared version numbers;

said/client terminal receiving the copy of the most recent data modules and the version numbers from the server system and updating

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data modules installed on the client terminal with the received copy and updating the stored version numbers with the received version numbers.

20. A client-server system comprising:

a client terminal for transmitting a request message to a communication network in response to an event triggered by a user of said client terminal, said request message containing a phone number of said client terminal; and

a server system for storing a set of most recent data modules, storing a set of version numbers of the most recent data modules in a first memory, mapping a plurality of sets of version numbers of data modules of mobile terminals to a plurality of phone numbers of said mobile terminals in a second memory, receiving the request transmitted from said client terminal and comparing a set of version numbers mapped in said second memory corresponding to the phone number contained in the received request to the set of version numbers of the most recent data modules stored in said first memory, and transmitting a copy of the set of most recent data modules to said client terminal via the communication network and updating the corresponding set of mapped version numbers in said second memory with the version numbers of the first memory if there is a mismatch between the compared version numbers,

said client/terminal receiving the copy of the most recent data modules from the server system and updating data modules installed on the client terminal with the received copy.





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- 21. The system of claim 17, 18, 19 or 20, wherein said server system is configured to impose traffic control on the transmission of said copy of most recent data when traffic of the request from said client terminal exceeds a predetermined rate.
 - 1 22. The system of claim 17, 18, 19 os 20, wherein said client 2 terminal is a wireless mobile terminal and said communication network 3 is a mobile communication network.
 - 23. The system of claim 22, wherein said server system
 comprises a home location register connected to said mobile
 communication network and a server connected to said home location
 register and said network, and wherein said request from the client
 terminal is a location registration request.
 - 24. The method of claim 17, 18, 19 or 20, wherein said server system is configured to receive new data from a network manager when the network manager makes a change in previous data and storing the new data as said most recent data.
 - 25. A client-server system comprising:
 a client terminal for storing a version number of data installed on
 the client terminal, and transmitting a request message to a
 communication network in response to an event triggered by a user of
 said client terminal, said request message containing the version
 number of said data and a phone number of the client terminal; and
 a receiving server for storing a version number of most recent

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data, receiving the request from the client terminal via the communication network, comparing the version number contained in the received request to the stored version number, and transmitting a 10 download request to a sending server if there is a mismatch between the 11 12 compared version numbers, said sending server storing said most recent data and 13 14 transmitting a copy of said most recent data and the version number of the most recent data to said client terminal via the communication 15 network in response to said download request from the receiving server, 16 17 said client terminal receiving the copy of the most recent data and the version number from the sending server and updating the 18 installed data with the received copy and updating the stored version 19

26. A client-server system comprising:

number with the received version number.

a client terminal for transmitting a request message to a communication network in response to an event triggered by a user of said client terminal, said request message containing a phone number of said client terminal;

a receiving server for storing a version number of most recent data in a first memory and mapping a plurality of version numbers of said data to a plurality of phone numbers in a second memory, receiving the request from said client terminal via the communication network and comparing a version number mapped in said third memory corresponding to the phone number contained in the received request to the version number of the most recent data stored in said second

13 memory, and transmitting a download request message to a sending

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server and updating said corresponding mapped version number in said second memory with the version number of the first memory if there is 15 a mismatch between the compared version numbers, 16 17

said sending server storing said most recent data and transmitting a copy of said most recent data to said client terminal via the communication network,

said client terminal receiving the copy of the most recent data from the sending server and updating the installed data with the received copy.

The system of claim 25 or 26, wherein said receiving server is configured to impose traffic control on said download request when traffic of the request from said client terminal exceeds a predetermined rate.

The system of claim 25 er 26, wherein said sending server is configured/to impose traffic control on the transmission of said copy of most recent data when traffic of the download request from said receiving server exceeds a predetermined rate.

The system of claim 25 er 26, wherein said client terminal is a wireless mobile terminal and said communication network is a mobile communication network, and wherein said receiving server is a home location register connected to said network and said sending server, and wherein said request from the client terminal is a location registration request.



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- 30. The system of claim 25 exec, wherein said sending server is
- 2 configured to receive new data from a network manager when the
- 3 network manager makes a change in previous data and store the new
- 4 data as said most recent data.